Field Notes of

Chester Barlow

1898 – 1902

Property of Museum of Vertebrate Zoology

Purchased from Mrs. Wilhelmina Bennett, by Requisition No. 64, December 20, 1929, with Notebook for 1892-1894, Pp. 1-144, Circular soliciting orders for California Murre eggs, 1894, Barlow and Osgood, and original data for sets of eggs, and 165 photographic negatives.

Mon 24/98. I went to
Kites at Almaden Marsh
this p.m. I had seen
them about a certain
tree several times so thought
they would nest in it.
Today no birds were in sight
when I arrived so I
went to this tree and
looked for the nest, which
I finally decided upon
as a small dark spot in
the top of the tree. There
was a strong wind and
a hard climb which
I overcame with the use
of some large nails. The
bird fluttered from the
nest when I was 10 feet

below it and flew to a tree
100 yards away where she
remained all the while,
hover over nesting near
the nest tree. She ♂ was
not observed at all. Nest
57 ft up in top of live oak in a
grainfield. Composed of oak
twigs & about 12 inches across
and deeply cupped. Depression
of nest 8 inches across and
6 inches deep at center.
Lined entirely with dry straw.
A new pair of birds. Eggs
four and well marked.
Incubation about one quarter
along. Eagle's nest not used

Eggs measure

1 67	x 1 23
1 73	x 1 27
1 71	x 1 24
1 74	x 1 27

Mch 26/98- Went to
Dargents this p.m. Visited
Dreasys Canyon but saw
no eagles any-where. Went
to 1st lot of oaks but the
eagles nest seemed unused.
Tried to locate my Kites
but could not and
darkness soon came on.
Got back about 8 oclock p.m.

Sunday Mch 27th Was
up at 6 and went to
Hairy Kites locality. Found
up an eagle among
the trees. Flip's Kite
was in the grove but
changed his position so
frequently that he could
not be relied upon

to reveal the nest. He would
hover over one tree and
then another. I had
selected their last years
tree as the probable nesting
site and as it was of
scraggly foliage I noticed
their last years nest and
then a year one on the
east side of the tree. I
decided to climb it
and I had to go up by
a limb, as I did in 1897.
The female flew only when
I was almost to the nest,
when she left and was
joined by the ♂, both
flying about near by,
and occasionally calling

Nest 42 feet up in live oak
in grainfield. Measured
12 inches across and
depression 4 inches deep
A peculiar nest composed
almost entirely of long dead
straw and tough weed stems,
with a very few small sticks
in the make up. Eggs three —
incubation fresh. Set con-
tained one very bright egg —
I took a set 1/4 from a
nest in same tree Apl 11/98.
Collected at 8 a m
After breakfast I
took horse and went
through Ward hills for
several hours. Larks
extremely abundant

4995
1.74 x 1.50
1.72 x 1.50
1.68 x 1.51.

Doned up an Eagle nest
Wards gulch but the
old nest was unused
Dan out Rite but could
find no Eagles nests.
Redtails were very
common. On my way
back I found a Redtails
nest but the birds were
not around. I climbed
the tree and found four
eggs in the nest- quite
a surprise! The birds
arrived at once, screeching
vociferously. Probably the
♀ was off for her morning
exercise. Nest was 48 ft up
in top of a live oak on rolling
knels. Nest 2 ft in

diameter and composed of oak sticks. Nest flat on top with a slight depression at center and depression lined with dry grass. One egg- smaller than others.

Eggs measure, $2\frac{60}{}\times1\frac{81}{}$ - $2\frac{54}{}\times1\frac{80}{}$ - $2\frac{50}{}\times1\frac{90}{}$ - $2\frac{47}{}\times1\frac{87}{}$

Sunday Apr 3/98 - Went to Mtn View to both Kite localities. No birds in sight. Went to Palo Alto locality but spent little time looking for birds.

Saturday Apl 9/98

Went to Kilroy this p m
Visited the Sycamore eagle
nest but it was not in
use Went to Dairy nest
from which I took set
1/3 on Mch 12th/98. They
were rising same nest
and bird flew when I
was well up the tree.
Nest same as before
and had a newly killed
squirrel in it. Nest 44
ft up. Comp of oak sticks
& plat. 3 & 5 pl. Dep, 1 foot
across & 6 inches deep at
center. Lined with straw
and a little moss.

Sunday Apl 10/98 Went
up Jemmie Canyon but
eagles were not there, nor
were the Kites. On a
hill I climbed to
a Magpies nest in
an oak 40 ft up. It had
5 eggs which were fresh.
The eggs were afterwards
broken. Nest round, made
of oak sticks. Measured 1½
ft across. with hole in
the side. Interior depression
6 in. across 5 inches deep.
Lined with roots. Outside
diameter was another old
magpies nest from which
a pair soon hatched. Dis-
tance from ground 5 ft. Dis-
tance from last branches

eggs- Fresh Practically same as last but rather more loose, with an old lining. 40 ft up-

Magpies were quite numerous, and nests were handily complete. I took a set of 7 fresh eggs (1st April) very large from a nest 60 ft up in top of live oak which also held an eagles nest. Magpie nest round & 2 ft. across. Depression deep and lined with roots.

Another set of 5 incomplete was taken (broken). Climbed 5 eagles nest but [illegible] were in [illegible]

A very warm day. Lazuli Bunting & Bullock's Oriole heard for first time.

~~April~~ April 12/98 Heard Cow Wood Pewee on Alameda today.

May 1/98 Went to Marsh to look for Kites but could not find them. Burrowing Owls nesting

May 9/98 Mentor went to Gibson for me. He took a set of Sparrow Hawks from same tree as last from which I took set Apl 10/98. It was a 2nd laying but birds had used the other nest. The nest held also one Magpie egg, probably the finish of the former Magpie set. Eggs 1/3 incubated. He also took a set of 5 Magpies from live oak 35 ft up. Eggs well begun in incubation. Nests as usual. One egg broken. Rivers empty not many nests. He found

a Barrow-Meadow nest
with small young
which were white.

Sunday May 8 1910
Went to Mayfield today
At the usual pond
saw Cliff Swans nest
and four incubated eggs.
Nest of weed stems lined
with horse hair. Placed
in thick cypress hedge
3 feet up. A Tufted
Barn Swallows nest
both had small young
Coming home
examined 3 nests
of Cer Blackbird, built-

in grainfield near road.
Two were just complete
and one filled 4 first
eggs. Nest 3 feet up in
a tall weed. Made of
tough weed stems and lined
with coarse grass.
Several Horned Larks
seen

Wed. May 11/98 Went to Guadalupe River at Lick's Mill this afternoon. Thrushes, Yellow Warblers & common round nest of Pileolated Warbler, built as usual, containing 5 small young.

Friday June 10/98
was at Rifle in the Aspens
this morning, once more
rambling through the forest
and enjoying bird life.
went up the old cow trail
around at 8 a.m. Bird life
was at first quiet but
increased as the sun came
up. Saw almost
all the Warblers and
the usual quota of others.
Heard Pileated Woodpecker
Olive sided Empidonax Warbling
Vireo Wood Pewees, Spotted
Towhee, Lazuli Buntings
about us. Warbling
Vireos about us now
left breakfast us

went down to the pond
district for the forenoon.
It was sunny. Saw
Audubons Warblers. Also
saw a with yellow
throat. Mag
Killdeers Warblers seen
in deer brush. Found
chipping sparrows
nearly grown in deer brush.
Nest placed in a crotch
about 3 ft up. Eggs
marked with brown.
In the afternoon we
went down on the pond
and up the mountain
top look for Warblers but
found none. Followed
along the [illegible]

home.

Saturday June 11th/98

Took gun and went up road and down the common. Shot both Sparrow common and in full song but too wary to shoot. Shot a Linnet, which was in the young streaked plumage. Saw a Hermit Warbler in very close cover but could not follow it to its nest. Returned home found in Nores nest 8 Pk. up in crotch of bunch of blackthorn Nest

made of dried bracken ferns and pine needles. Eggs 2 and fresh. I took a photo. of nest and eggs and then collected them.

Coming home along road I shot a Mt Cicada on a low bush and on picking it up saw I had a large green worm in its bill. They was an old spruce stub standing 50 ft from road about 9 inches through and 5 ft high. It was rotten and in the top was a little round hole

nuclei in diameter leading down into the darkness. On examining the study a peculiar hiss came forth denoting horror. He took open one side and saw a nest full of birds ready to fly. Hurriedly rounded up the rough wall and flew out and were not found in the brush but the other six we managed to corral and keep for their pictures as nicely as could be noted. Our color drew were just like the adult. Side of wings near by so we folded up the legs and

came away. The following day I found that I had all up the nest, on examining the cavity. The bed of the nest was 8 inches from the top of the cavity. The cavity had been about 1 foot deep and in this there was 2 inches of fine soft stripped, sparkel bark and on this 2 inches of fine soft matted fur, not all identified but some being squirrels Tail two photos of nest and young

In the p.m. we went to the

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Scrambled on edge of meadow. Beat a Match. Add Parsley, 2 Shallots Oranges, Juice and a Pepper.

Round lobster meat Soft up in top of pan Add 2 egg. Put pat very slow Juice

Sunday June 12/98

We drove 12 miles over the ridge toward Plummers to old Summit. Mrs. Life was pleasant near 14 mile house. Met Dan Green in a tall cedars. Saw numerous Dandelions — found used most of Cassiar Pine. The soil for any distance has either not built or have changed their nature as we move [illegible]

Found Elis Sparrow in small pine with one fresh egg. which up Increased up to about 5000 ft. Bird life scarce as near Pupp but seemingly less abundant.

At the old pair nest we made pictures. Found robins nest 6 ft up in cedar with 4 eggs which we photod and took.

Taylor found one 7 ft up in cedar with 3 eggs, rough on shell. Nest as usual. Coming to see us located several Grouse in the tall Pines

Monday June 13/71

Rode to Pittsburg with uncle and got back at 9 o'clock. Had some pictures taken. Wesley brings from Cherrytree. We went up through the woods and around the ditch coming out way up the road. I got some yellow moss off a fallen cedar. Bird life quiet and apparently scarce

Made another picture of the Red Woodpecker nest near house. In the top of the burnt stub

the Blue Bluebirds leave a nest.
Soon after I focused my
camera the ♀ Bl. B. came
with a grub in her beak
alighting variously on
fence and cedar trees until
she summoned courage
enough to alight on
the stub, where the Bluebirds
fiercely attacked her and
she flew off to a limb
on the edge of the woods-
Soon she ventured to
try again, and alighted on
the back of the stub. She
announced she did so the
young sat up their squeaky
little notes evidently
meaning, I'm alright. Oh

hopped around and
approached the hole and
one little white head
bobbed up and she
thrust her head into the
cavity, deposited her
crumb and was away to
the fields once more.
The little one remained
at the hole until I
walked toward the tur-
when he dropped from
view. I made one
picture of old bird
feeding the young

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Tuesday June 14/98

At half past 6 this morning I went down the hill hunting. Shot a Cabanis' W.P. Towa black oak. Saw several Warblers and shot a ♂ Audubons as he alighted on the ground.

Found a Cal Bush-tit's nest hanging in a thorny manzanita bush 6 ft up. Bird left, when I touched nest. The nest held 6 eggs incubation begun. Nest in fully-one, leaving one entrance on top and one 2/3 way up on opposite side.

Both holes were well rounded. Inside lined with various feathers - Plumed Quail! DH Towhees etc. Nest and set collected. Came back and skinned birds

Hermit Warbler

About 1:30 I took a walk into the woods north of house, following a trail! The day was rather cloudy and birds seemed scarcer than usual - I watched several Warblers to no effect. Two Juncos were heard Occasionally - I was looking Closely -

in the pines for their
nests when I thought
I saw a small dark spot
among the needles in a
tall pine. The tree
stood in a clearing a
little ways off from the
border. Next to it grew
a black oak and at its
base a few small cedars.
I threw a stick at
the tree but no bird
flew so I climbed the
tree. When I got well
up I could see the
spot was a small
nest. Upon getting to
it I saw four eggs and
the red cedar lining

and I fell over head
found the 2nd known
set of Hermit Warblers.
I soon one and then
both birds appeared, settling
all doubt as to who
owned the nest. Both
hopped slowly about
in the top of a black oak,
occasionally uttering
a very weak "tseet"; and
not appearing to
be afraid. No song
was given.

I came down
and watched the bird
and soon the pair
flew pine, and hopped
now up and then down

picking at the limb here
and there and finally
went onto the nest!
I took a few camera
and strips and
went back and climbed
the tree with camera. I
found the nest at 2 o'clock—
Made 1 instantaneous &
3 short time exposures from
top of tree working
under difficulties.
I then packed the
eggs and cut off the
limb with nest. This
seemed to excite the birds
the ♀ leaving flown off
as I came up & the below
nest. Still they

gave no note save their
"tseet."

When I got down both birds hopped about the tree and to the place where the nest had been. Then one waved flup to a large spruce nearby and launch into a weak song. The song is far from vivacious and the least so of any of the Warblers- I shot the ♀ after which the ♂ disappeared- Nest was (measured) 45 ft up on a curved-up horizontal limb 4 ft

from trunk and 18 inches
from end of limb. Built
usually on the pine
needles at the junction
of two small limbs -
Composed of light gray
weed stems, lining of
fine red cedar bark and
hairlike fibre of soap-root?
Nest in yellow pine -
Eggs four Incubation fully
two weeks.

Wednesday June 15/98

Ah 550 Swedes
nest near Chipping
nest near 14 mile House;
Bird on Nest held 4
fresh eggs, 1 heavily beey
laid each day. Nest
7 ft up in small pine
by mountain road —

after breakfast
Taylor and I went down
road to ha damages
nest in blue oak. Made
photo in situ and
then collected nest
with birds. Eggs three —
incubation commenced —
Bird noisy as usual —

We went to burnt district
Quick hills Lycopodium.
Hemlock Towhees &
all common in
brush. Heard several
Empidonax (acadicus or traillii)
Found Wm Robins nest
just finished in dogwood.
Birds evidently lay
all about Sept 2 eggs
or about to lay.
Blew eggs in P.M.
After supper took Grosbeaks nest
& seven deer mice up
near house. Incubation about
one third adv. Nest collected.

Sunday June 16/95

Miss Jones and me went up Weber Creek looking for a Flycatchers nest. Found a Robins nest 5' up in crotch of a tall oleander maple. Birds. Birds near creek in shaded spot. Eggs four incubation begun. Collected Redwinged Blackbirds nest built in cavity of a burnt out spruce. Dark Blue hooded Jays just out of nest and learning to fly. A bob-tailed little bird. Found Robins nest in low apple

with one newly-hatched young
& 3 eggs. Bird left quietly
and made no noise.
A Yellow Warblers nest
found in three deer brush
3 ft up, held 2 advanced
eggs & 1 infertile one which
I left.
Three bell Sparrows
Warblers common in
the Potetes. Saw
several of the small
wrens-sparrows on trees, giving
their weak note. Came
home to dinner.
About 4 oclock we went
up to Damages nest in Pine on
road. Climbed to it (30
ft up) and found young

before and shot a bear
we knew of this!
watched Kennil Wables
along road. Dr Eveleth
has worn one of the paws
but could not locate
it today

Friday June 17/98

Spent the day
packing up in order
to leave for home
in the morning

July 11/98. Mr Daylor found a nest of Wn Winter Wren with 5 eggs and sent them to me.

They seemed addled as the yolk was hard in places and difficult to remove.

He sent the appended notes in his letter.

...he said that in his country (Germany) the bird was called the 'Snow' King' as it came only in winter and lived in the snow. From his description I thought it must be the Winter Wren so got him to show me the nest with a view to photographing it for you and collecting the nest. He said that he was prospecting and was "panning out" and heard a sort of drumming noise and looked up to see what caused it and saw it was caused by the "Snow King" which was feeding its young not more than two feet from his head. He watched the bird sometime and continued to work near by and to pan out in the same place. The bird soon became quite fearless and seemed to be not at all afraid of him.

"The nest is built in the side of a perpendicular bank about four feet high and the nest is half way up and is set into the bank so the outer edge of the nest is even with the face of the bank and just shows the rim and a little moss on careful inspection. The entrance looks like a small hole in the bank. I could just reach the bottom of the nest with my fingers and I felt two eggs in it which puzzled me some time and I wondered if the bird was laying a second set in the same nest. While talking the matter over I saw a Wren fly down into a prospect hole a short distance away and not come out again, so went to the hole and stepping into it, flushed the bird off the nest, which proved to be situated just like the other one and contained as near as I could ascertain, four eggs. I could just reach the eggs with my finger and succeeded in getting one out of the nest and it proved to be fresh.

"July 13th: The nest contained today five beautful eggs which are in good condition for blowing. I got the nest out with some difficulty as it was held to the bank by many small roots. The cavity in which the nest was made was lined overhead with moss, making a roof for the nest.".

Note from the letter of Mrs. Sayler, Duff. Ill Rancho Cal.

Feb 12/44 Went to the ranch today. Snow clear & pleasant and I found my first Juncos nest for 44. Placed it up in cypress on our "inside" bird-closet to three of tree. Incubation was begun. Nest built as usual and like all early nests I've lived with feathers. Feb 188 Donated to Miss Bell

Friday Feb 24/99 Beer had
round 1 egg in one of the
Alum Rock nests / on 19th
so I went to collect the
set tomorrow. left Sanjon
at 4 45 by wheel. Had a
hard run hurried ride out
to the Creek where I left
wheel and went up bed
via of creek bottom. The
sun set early in such a
deep canyon so I rushed
along over roots and
boulders to the falls
which I reached / about
6 pm. I could see the
eagles nest on the cliff and
climbed up the back
through the brush to it

[illegible]

tree - a white oak, tall and straight. The first notch was 12 ft up, and as I was hacking the tree, the eagle leaving as I commenced to "skin". I finally wriggled up into the notch and began the long climb of 15 ft which led to limbs, beneath the nest made bouff of air bed- ding and pantyes and after one more trial gave up and went down. Worked endless in my- optimistic state. Already- I was stark and I hunted down to the grill and dressed and then down

the 3/4 mile of creek to
mill-wheel in darkness.
Got home at 8 o'clock
ending my first and
perhaps discouraging
eagle trip for 1899

Sunday Feb 26/99
This forenoon Jenny with
Jennie and Fred drove
out to Alum Rock Park-
ared to storm the high
stronghold. We all shoulder-
sprinkled to Hotel
the fallen and Professor
Mrs Curtis

The trees had not diminished at all but I was fresh and easily made the climb. No bird flew and I was disturbed but concluded later that she never returned after being scared off at night on the 24th.

The nest was in the top of the tree and placed so that I could look see into it by pulling myself up on a level with it by my hands. It was composed of twigs, evidently in a hot. built of twigs mixed consistent as usual of sticks and lined with grass

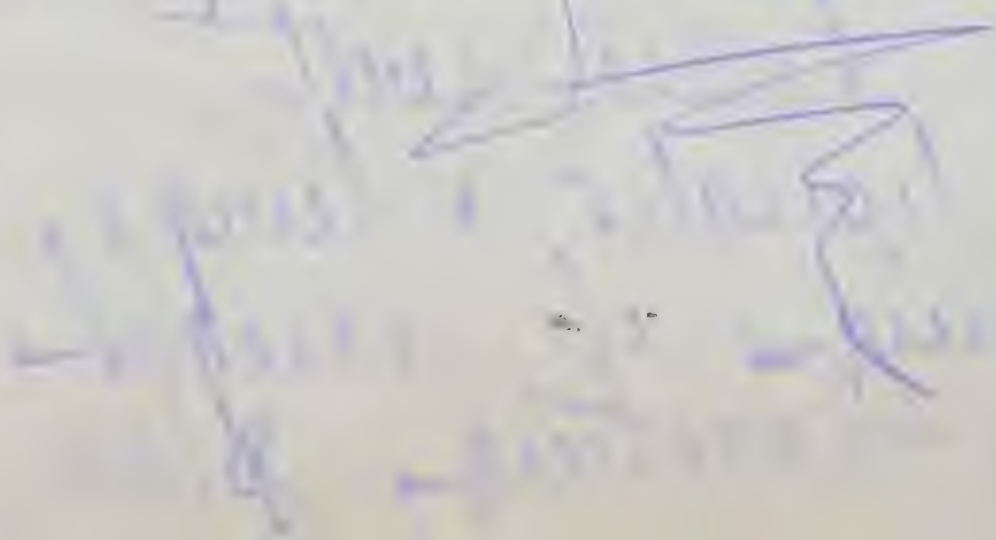
There was a depression of
February 3 inches at
7 the time eggs. Temp 48°
F from the ground. Eggs
Two incubation not
appreciable — Eggs no-
as finely-punctured as
eggs from Jaquets but-
a not with punctures —

Feb 4/99 Went to
Jaquets tonight. Went to
the magpie nest but-
no birds were there and
nest was filled with
green boughs + twigs
showing it might-
be a roosting place

of perhaps the male.

Dundee Mch 5/99 —

Went out at 8 this morning. The two nests in Cannon not in sure birds had the one over the hill, newly lined. Whether they had been robbed or I had it said I don't know. Saw one bird about. Nest in 1st line oaks blown down, one nest on river unmoved and three in 2nd line of oaks, the same, a windy day.



~~Autu~~ Mch 18/49 Wed~
to Bangert to day. Visited
2 dairy ranch~ at once. One
was flew up and the
other left the nest~
when I hammered on
tree & climbed it and
found one fine large egg~
which I left for
a latter trip. Saw
a hawk nest building~
near by.

Sunday Mch 19/49
Had breakfast at 7 and
started out. Rain began
falling at once and con~
tinued all day. Went
to grove near RR
trace where a pair of hawks

nest. They had a nest which
I could not climb until
later with Dixes -
Went to the magpie
nest in a Pottery rain and
found one eagle perched
immediately beneath the
nest on a limb trying to
keep dry. He flew off in
the rain reluctantly!
climbed the nest which
was heaped up with green
boughs. I fear the flies
been shot. Worked all
through the magpie nest
but found no eagles
nest. Magpies active and
screaming their nests
blind - Specimen of nest

or hard clay with shells imbedded in it on top of a high hill. We hiked all the canons with to Draws and saw some Redtails not yet nesting. Also one Eagle and a Bald Eagle flying rapidly.

As I came over a hill to a canon, there sitting on some bushes was an array of color — the birds trying to dry their plumage, in a stray ray of sunshine. There were several robins with red breasts, a brilliantly yellow meadowlark,

Flicker with exposed linings
and several Bluejays.
Seemed as if all the
gaudy birds had gathered
there.
Crows were seen
flying about. Perched
Pargents empty handed

Morning Woodcocks. at Santa Clara

♂	Santa Clara.	1/15/01.	Atkinson
♂	1/4 " "	1/15/01	"
♀	" "	3/4/01	Otto Mall
♀	" "	3/4/01	"

SUNDAY, JUNE 3. Reached Placerville this evening.

MONDAY, June 4th:- Saw Western Martins (progne) flying about the Cary House and chattering loudly. Taylor and I left Placerville about 1 o'clock for Fyffe. Very hot going up. The Californian Towhee appeared as high up as 2,500 ft. Reached Fyffe at 7 o'clock.

TUESDAY, June 5th:- Taylor had taken on May 21 a set of Calaveras Warbler 1/5 along a small irrigating ditch. Went out early in the morning but found nothing. We went down the ditch. Found Black-headed Grosbeak's nest with three eggs which we left. The nest was 10 feet up in a deer-brush. Down the road at about 3500 ft. Audubon's Warblers were common. Also saw a Hermit there among the pines. Shot a Hutton's Vireo (female) in a black oak and thereafter heard the bird frequently, showing it to be common at Fyffe. I saw an Audubon's Warbler with food in its bill and shortly after found the nest 20 feet up on a dropping limb of a large pine. On climbing up the four young flew from the nest. We collected them all and also both parents. The male was in high breeding plumage. I skinned all six and sent them to Beck. Collected nest on limb.

Leroy arrived at noon. After dinner we struck out up the road. Saw a good many birds. Came back and after supper went down the Crocker trail. As we were coming out thro' the timber Leroy found a Black-th. Gray Warbler's nest in a small cedar sapling, four feet up. It held three eggs which he left. Nest of usual grayish material and feather lining. It is evident that the Audubon Warbler is most common near the burnt district at 3500 feet.

WEDNESDAY, June 6th:- We were up early this morning and down the road. Went north and found a black-headed Grosbeak's nest 10 feet up in a deer brush, holding four fresh eggs which I took. Shot a female Louisiana Tanager and saw several juncos. Heard two Cassin's Vireos and found the nest 10 feet up in a black oak on a drooping limb, but incompleten. Leroy

found a Spurred Towhee's nest with young. Thick-billed Sparrows were common. Heard a singing Cassin's Vireo and found nest IO feet up in a black oak. It held five eggs. We shot female parent. Heard Empidonax hammondi, Piranga ludoviciana, Contopus borealis, Carpodacus cassini etc. Saw several Cyanocitta pursued by vireos. Saw a Western Redtail and also a Turkey Buzzard. I shot a Cal. Purple Finch (male) where it was drinking. Saw a Lazuli Bunting. Warbling Vireos common in the black oaks.

After dinner we went out to photograph milk weed. Leroy took his set N/4 Black-throated Gray Warbler, incubation fresh. This morning I made photos. of the locality of Calaveras Warbler nest and another of the nest and eggs in situ. This afternoon Taylor took up the nest and foliage in a box and we made two plates of the operation, making a series of four in all. Skinned birds in afternoon, preparatory to starting for Pyramid Peak in the morning. DESCRIPTION OF CALAVERAS WARBLER SET: Nest 3 inches outside diameter, composed of weed-stems grasses and bark. Lined with fine bark and soap-root fibers. Eggs spotted quite heavily at large end, tending to confluency. Eggs, 5.

THURSDAY, June 7th:- Travelled from Eyffe to Sugar Loaf, where we camped over night and enjoyed a trout supper.

FRIDAY, June 8th:- From Sugar Loaf to Forni's. Heard several grouse at 6,000 feet. After a long ride over a rough and steep road we reached Forni's after 1 o'clock, near the base of Pyramid Peak. Going in through the tamarack forests patches of snow were apparent in all shaded parts and the willows were just coming into leaf. On the lower meadow wild flowers and vegetation were growing in rank profusion. We heard the beautiful song of the Big Tree Thrush while going through the woods about dusk. We found the dairy buildings situated at the head of a meadow and when we arrived the air had an extremely chilly feeling. Old Pyramid, snow-capped, stood out coldly in the gloaming.

SATURDAY JUNE 8th:- We arose late this morning and I went out for a stroll. The country about us is great meadow full of little streams which work down from the snow-fields and the ground is soaked through out. About the meadow is a border of tamaracks and red fir. The tamaracks are abominable to climb as the limbs all droop because of the pressure of the winter's snow. Rocks and bowlders are strewn everywhere through the trees. This morning I found two nests to which I did not climb. Along the road I saw a nest in a 12-foot tamarack near its top. On shaking the tree a Blue-fronted Jay flew off. Contents four incubated eggs. Nest large and made of a foundation of sticks, plenty of mud and horse manure and a lining of coarse roots, with a few pine needles. The old bird kept at a distance though rather remonstrative.

Shot a whistling marmot, a small colony of which were located on a knoll. I saw a Mountain Chickadee clinging to a hole in the side of the cabin, beneath the floor and on looking in saw the female on the nest. Contents 8 eggs incubation begun. The birds seemed to spend their time in a tamarack tree near the house, calling industriously. A number of Pine Siskins were flying about the barn and corral and were quite tame. Identity certain. We shot two White-crowned Sparrows. Plumed Quail and Olive-sided Flycatchers were heard calling rather commonly. Leroy found a Blue-fronted Jay's nest in a red fir with small young. We saw a magnificent male Pine Grosbeak in bright red plumage in a tamarack swamp, feeding. He was remarkably tame. Also got close to a Williamson's Sapsucker which was drilling in a red fir.

In the afternoon we went up a ridge, one-third of the way to Pyramid, the rock formation being principally of granite. On the southeast slope of the peak at 8,500 feet altitude snow was plentiful and a cold, stiff wind blowing. Flocks of Purple Finches and Pine Siskins were feeding on the edge of the snow. Shot a male Cassin's Purple Finch. A flock of Clarke's Nutcracker were cawing in a canyon of hemlocks, spruces and pines and several were seen. Also a pair of

Arctic Bluebirds. I found an egg in an open space surrounded by snow. Probably a junco's. Got a junco and robin. Skinned birds.

SUNDAY June IO:- This morning I collected N/8 of Mountain Chickadee from nest built on a joist of the cabin. The space had been filled with material. Nest IO inches long and 7 I/2 inches wide and rectangular in shape. A solid mat of cow-hair, squirrel's fur and hemp picked up around the dairy. Nest 2 I/2 inches high. Cavity 2 I/2 inches across and I I/2 deep. I egg spotted, one with a trace and six pure white. Eggs 3 or 4 days incubated. Female parent collected.

We struck out for Pyramid Peak at 9:30. Just outside the corral I shot a female Audubon's Warbler which had been flying about with its mate. It lodged in a red fir and in looking for it I saw the nest about I5 feet up near the end of a drooping limb. Collected the nest and four eggs; incubation a few days only. Eggs more heavily marked than is usual with this species. Nest measured 5x4 inches outside. Cavity I 3/4 in diameter and I I/4 deep. Outside composed of weed and plant stems; inner section of fine bark strips and fine grass; lining of horse-hair and feathers, one jay feather being quite conspicuous. Eggs marked with umber and lilac, heavily confluent about the large ends.

Shot a Junco and then we began the ascent. It was very rough climbing. Took a view of the Peak from down the hill. Leroy found a Red-shafted Flicker's nest in a pine stub at about 9,200 ft. altitude, with six eggs, almost fresh. Also an Arctic Bluebird's nest with one egg; nest also in a stub. The Clarke's Crows were as noisy as ever in their particular canyon of hemlock. The red firs give out at 9,000 ft. and hemlock and the white-bark pine,- the latter extending up to within a mile of the summit, becoming smaller and smaller. The last eighth of a mile is boulders,- a mass of great rocks scattered about in confusion, over which one must climb slowly. We all felt the altitude, the worst symptom being a headache. On the rocks we saw two pairs of Gray-crowned Leucosticte flying about uneasily. Secured one pair. We reached the summit at 3 o'clock and remained an hour, enjoying the superb

view. Many mountain lakes, including Tahoe could be seen and the crest of the Sierras could be traced south as far as one could see. Took five photos; one looking northwest; I of Mt. Tallac and Lake Tahoe; one of Lake of the Woods; one of party on summit; onn of a great snow-bank. It was interested to look down on the pools of snow-water at the base of the cliffs and see them apparently light blue in color. We left the Peak at 4. Reached camp at 6 very tired. Shot a Pine Grosbeak which came to a tree near the cabin.

MONDAY MORNING, JUNE IIth:- Skinned I2 birds this morning. Purple Finches common. A male Pine Grosbeak appeared in the tamarack but we missed him. Left Forni's at IO;30 and Dunkum and I struck out over the ridge for Echo, while Atkinson and Taylor drove out by road. Siskins common in the meadow. At 8,000 feet on a hillside I flushed aWhite-crowned Sparrow and found a nest and one egg. Nest I8 inches up in a small ceanothus (oak?) bush. Nest outside of very few fine sticks, with lining of fine grasses and roots. Measured outside 4 I/2 x 3 I/2 inches. Depth one inch. Reached Echo at I2;30 and had a good square meal.

Coming down Leroy shot a Thick-billed Sparrow at 5,000 feet. A few miles above Slippery Ford we saw several Western Evening Grosbeaks in the road. They had a shrill call-note but we failed to secure any in several shots.

BIRDS OBSERVED AT FORNI'S. 7500 FT.

Wht-cr. Sparrow; Wn. Wood Pewee; Mt. Chickadee; Pygmy Nuthatch; Olive-sided Flycatcher; Plumed Quail; Warbling Vireo; Cassin's Purple Finch; Cal. Pine Grosbeak; Wn. Chipping Sparrow; Hermit Warbler; Wn. Robin; Thurber's Junco; Blue-fronted Jay; Pine Siskin; Williamson's Sapsucker; Louisiana Tanager; Tachycineta?; Clarke's Crow and Arctic Bluebird (8,000); Gray-cr. Leucosticte (IO,000); Flicker (9,200) and Audubon's Warbler.

FINIS.

May 12, 1901 A. L. and I visited Laguna today— found a dead Swainson Hawk in the road— Blue dairy eagles were nesting in the gulch where I found their eggs Nesting last year— They had built a new nest in a scrub oak at head of gulch— Contains two large eggs— almost fresh—

We had a perfect day— Migrants nesting— Warbling Vireo— Arkansas Yellow Flycatcher & Western Sparrow—

March 31/01. Skinner & I went to Sargents today on the first through Coast train. We went up the Treasure Creek canyon-shot a Melanerpes torquatus near Sargents house. Also an Aphelocoma californica. We went as far as the first line of rocks looking for the former small colonies of magpies, but beyond a few battered nests no trace of the birds could be found. Bird life of all kinds seemed unusually scarce. Returning Dave found a Wm. Hedtails

nest in Treasure Gulch
which I climbed. It
contained four eggs—
Nest large and lined
with an abundance
of Spanish moss.
This was the only take
of the day.

Apl 7/1901 This morning found us at Glenwood on the coast side of the Santa Cruz range - The country is principally of redwood type, though there are broken and chaparral- covered hills intermixed. Vegetation is rank in the shaded places and ferns, brakes and vines grow in luxuriance. Thus there is a pleasing natural retreat offered sound- muting speech, as also, those of having a preference for undisturbed Quiet

the house the Carpodacus mexicanus frontalis were singing, and Spinus psaltria and Sialia mexicana occidentalis were noted. I climbed a beautiful mountain and at the summit of a peak and found birds plentiful throughout the woods. The following were either seen or heard, on the hills:-

Troglodytes aedon parkmanni
Junco h. (var. pinosus ?)
Wilsonia pusilla pileolata
Helminthophila c. lutescens
Vireo s. cassini
" gilvus
" huttoni

Cyanocitta f.s. frontalis-
melanerpes l. lairdi
Colaptes cafer-
Parus r. barlowi
Psaltriparus m. californicus
Calypte anna
Pipilo m. falcifer
" f. crissalis
Chaetura p. intermedia
Hesperocichla n. naevia
Hoplocitys californicus-
Lampidonax difficilis
Carpodacus p. californicus
Cathartes aura
Buteo b. calurus-

It is also possible that of the many weak Lampidonax notes heard some were referable to other

Hammondi or wrightii, migrating through but I could not secure any birds as they kept high up in the undergrowth. I shot specimens of

Hesperiocichla nigrina ♀
Tipilo m. falcifer — ♀
Chamaea f. mitrimedia ♀.
Junco hy. pinosus ♂
Parus r. barlowi ♂
Wilsonia p. pileolata ♂
Helminthophila c. lutescens ♂♀
Vireo huttoni ♂

The rich warbling song of the Purple finch was heard commonly from the

tall redwoods. I also heard a low arse, rattling noise at intervals in the redwoods, and could not satisfactorily attribute it to the Cyanocitta, but what else it could have been I am unable to guess.—

We returned home at 2 o'clock after a very enjoyable outing

Apl 14/01. Fisher & I went to Tangents this a.m. and visited the Banner eagles nest from which I & Fisher took first set on 3/19. 4 containers I boldly marked egg. We photoed the nest and I made photo of Fisher.

We visited the magpie country on Tangents Creek. Saw two but secured neither Fisher's shot 2 Melospiza Lincolnii and a ♂ & ♀ Otocoris a Chrysolaema from

the top of the bleak grassy hill- Day windy- Heard Seterus bullocki, and Pamelodea melanocephala to day-

Apl 21/01- Again visited Carguts eagle nest today, and to my surprise the old birds flushed and found the second egg- a washy specimen. Wrens heard in the brush- a pair of Pyranmus verticalis seen at head of canyon- Brewers Blackbirds also Linnets abundant in the gulches, evidently

about to nest. found
a Redtails nest with
three young 1/2 grown
a few Pipits and
Horned Larks seen

A Golden- eye Sparrow
has sung daily in
our back yard up to-
Apl 26th not heard
Sunday 27th. Blue
note his the one
of three peculiarly low,
sad, warbles.

Sunday. Apl 27/01 - Dius
Lorenzo Walter Fisher
I M. Belding & I drove
out above Congress Springs -
A strong south wind
threatening rain was
blowing. In the canyon
an Olive sided Flycatcher
was heard. - Nuttall's
Warblers and Cassin's Vireo
were both singing freely
in the live-oaks.
We returned home
early -

Sunday May 5/01. Spent
the day above
Congress Springs - A perfect
day. Heard several Wood
Pewees, and Hermit Thrush
and a Russet-backed
Thrush. Olivaceous Flycatchers
were very common, evidently
migrating into the
valley. Shot two ♂
in fine plumage. Also
secured 2 ♂ Lincoln's
Gray Warblers in the
Oaks on a hillside. From
hearing the same
song I judged they
were quite numerous &,
probably migrating

but possibly intending to breed as the region, although of comparatively little altitude, corresponds in some respects to the Transition zone of the Sierras.

I shot also 2 Ark Goldfinches. I saw an Owl, and listened for sometime to the subdued, frolicking mockery of a Cat Thrasher.

Saw 1 Ash. throated Flycatcher. All three Vireos were heard

Commonly—

Sunday May 12/01
Arrived at Palo Alto
at 5 a.m. Left King-
Mountain and had a
beautiful drive and an
elegant view from
the mountain-
side. Bird life
was plentiful on the
mountain side. We went down
a canyon where
redwoods grew
grew plentifully. Then
we heard a Western
Winter Wren singing
with great vigor

the creek-side and I
soon found the nest
and its four fresh eggs—
flesh in the b[illegible]. The
rim of the nest was of
moss, giving a pretty
effect. I shot the ♀—
A. h. pinosus—
Fisher collected a
Dawson's Quickade. We
saw nothing particularly
new in birds. On the
road home, between
Redwood & Palo Alto Cal
Purple Finches were
singing from the
tops of pines and oaks—
I shot a male—
Stanford Wednesday—

Tuesday May 14/01-
Heard a Cal Pulpit
Finch singing in
the trees in the
Santa Clara plaza
today-

SIERRAS, 1901.

THURSDAY JUNE 6th, 1901.
Went to Eyffe by stage with Jen, reaching there at 7 a. m. We went up the old wood-road with Taylor to the site of the old saw-mill. Bird life quite plentiful. Saw a Mountain Chickadee fly into a stub, the hole about 8 feet from the ground. Taylor opened the hold and 8 young chickadess flew out one by one. Found a Chipping Sparrow's nest with young, which flew. Shot a Yellow Warbler and also a female White-headed Woodpecker. Found a Hermit Warbler feeding a flying young bird in a pine. I collected the female bird. The young bird examined was of an entirely gray color with two white bands showing on the wings. In the afternoon we went over to the point.

FRIDAY JUNE 7TH.
We photographed the Junco's N/4 which Taylor found among the brakes near his cabin in May. We then went down the hill and found two Chipping Sparrow's nests, one in a small bush about three feet up,- the other in a black oak tree, which I collected. In the afternoon I went down the Crocker Road and found a Blue-fronted Jay's nest 30 feet up in the top of a yellow pine. It held four young, fully-feathered and very vociferous.

SATURDAY JUNE 8TH.
We went north this morning. Found a Black throated Gray Warbler's nest six feet up in a small cedar containing large young. Also a Cassin's Vireo nest 15 feet up on drooping limb of black oak. Shot a male and a young Sierra Creeper from a cedar and saw a band of Kinglets (Golden-crowned), from which we shot an adult and one young, showing them to breed at Eyffe.

SUNDAY JUNE 9.

Jen and I drove to Slippery Ford (Sugar Loaf Hotel) this forenoon. At Dunkum's I found a Louisiana Tanager's nest building. Heard a Winter Wren and a Russet-backed Thrush in the gulch near Pacific. Near Suger Loaf I shot a Sparrow Hawk off of a I50-ft. fir tree and later climbed the tree after him.

MONDAY JUNE IO.

Taylor and I were out on the hill this morning. Birds were fairly plentiful. The country about Sugar Loaf is precipitous in general, the hill sides being given to the usual timber, with black oaks intermixed. Shot a male Mt. Chickadee and then found its nest in the top of a little oak snag six feet up. The female was very persistent remaining in the hole and hissing like a snake. The nest contained small young.

Mrs. Meigs found a Calaveras Warbler's nest on the side of a ravine, placed under a deer-brush and beneath the leaves. This we collected with its five eggs and the female parent. Eggs advanced in incubation. Purple Finches and male tanagers abundant near the house. Tanagers especially were seen abundantly through the woods, all that were noticed being males.

TUESDAY JUNE II.

This morning Taylor and I went to Brownell's and up to the top of Peavine Ridge.,- a hard climb. No particularly new birds seen. Shot a female Olive-sided Flycatcher near Cedar Rock, while it was sitting in a low limb of an oak. The bird contained a very handsome egg about to be laid, but unfortunately it was broken in skinning the bird. At Brownell's a pair of Barn Swallows had a nest inside the barn. We noted the Lawuli Bunting almost up to Brownell's. California and Cassin's Finches were shot in this vicinity. From Brownell's a trail lead up through quite an extensive pasture to a sort of plateau, which was finely covered with large timber. From this it was a long, abrupt ascent to the top but we made it and found a thick growth of Ceanothus cordulatus,

which proved an abomination through which to travel. Aside from a few favored spots, birds seemed scarce on the Ridge. Thick-billed Sparrows were numerous and probably nesting in the thick brush. A Sparrow hawk flew screeching about the pines at 5,500 ft. altitude. Three grouse were heard.

WEDNESDAY JUNE I2.

Skinned birds all forenoon. The Cassin's and California Purple Finches shot yesterday were both about to lay. Mrs. Meigs found a Wn. Wood Pewee's nest 40 feet up in a black oak, containing two eggs. Apparently most of the birds are beginning to nest, save the Jays and Chickadess which are early nestors. Shot a Calaveras Warbler (male) and saw a pair of Black-throated Gray's toward evening.

THURSDAY JUNE I3.

This morning we collected the Wood Pewee N/3, 40 feet up in the black oak. I preserved the nest on limb.

BIRDS OBSERVED AT SUGAR LOAF.

Golden Eagle (Pratt, fall of I899).
Sparrowhawk.
Blue-fronted Jay.
Western Robin.
Wn. Wood Pewee
Kingfisher.
Bicolored Blackbird
Brewer's Blackbird
Clarke's Crow (Pratt. In winter).
Warbling Vireo
Cassin's Vireo
Louisiana Tanager.
Calaveras Warbler.
Red-shafted Flicker
Hummer ??
Flycatcher (Empidonax) sp?
Red-breasted Sapsucker
Chipping Sparrow
Cal. Creeper
W. Chickadee
Cal. Purple Finch
Cassin Finch.

Lazuli Bunting
Olive-sided Flycatcher
Spurred Towhee
Plumed Quail
Black-headed Grosbeak
Barn Swallow (Brownell)
Red-breasted Nuthatch
Thick-billed Sparrow
Audubon's Warbler
Sparrowhawk (at 5,500)
Thurber's Junco
Black-throated Gray Warbler
Cabanis' Woodpecker

THURSDAY JUNE I3.

We left Sugar Loaf at I2:30 for Echo. Shot a Thick-billed Sparrow and a Macgillivray's Warbler at Shingle Mill, the latter being interesting Birds were abund ant along the road in the buck-brush. Saw a Redtail along the road. Reached Echo at 5 p. m. It began to drizzle soon after.

FRIDAY JUNE I4.

This morning Taylor and I went down the road. A pair of Arctic Bluebirds were flitting about the edge of the meadow, preparing to nest. I walked over to the River and was surprised to find a pair of West. Evening Grosbeaks in a swampy spot. Shot at the male but missed. The birds had a sharp, musical note quite unlike any of the other common bird notes. The female was probably building but could not be traced. We found a Tanager's nest building in a red fir. Shot two Calaveras Warblers in the brush where they were common. Shot a male Macgillivray's Warbler showing this valley species to extend up to at least this elevation. Thick-billed Sparrows and Green-backed Towhees were common in the brush, and a Spurred Towhee was also heard. A sparrowhawk was heard.

The Echo [illegible] interesting. Steep rocky ridges radiate in all directions, being generally well-covered with chaparral (Ceanothus

cordulatus). A little deer-brush and willows grow in the moist locations and in forest trees the red firs here predominate with occasional mountain firs, cedars and a few pines. The oaks give out near the Junction.

BIRDS OBSERVED AT ECHO.

Western Redtail
Golden Eagle (Watson)
Macgillivray's Warbler
Thick-billed Sparrow (Common)
Olive-sided Flycatcher
Western Wood Pewee
Blue-fronted Jay
Western Robin
Arctic Bluebird
Red-br. Sapsucker
Mt. Chickadee
Green-tailed Towhee
Louisiana Tanager
Thur er's Junco
Plumed Quail
Scoty Grouse
Warbling Vireo
Calaveras Warbler
West. Evening Grosbeak
Red-shafted Flicker
Spurred Towhee
California Creeper
Sparrowhawk.

SATURDAY JUNE I4.

We left Echo about I p. m. for the summit. [illegible] and I walked and Jen drove. The country is [illegible] rocky to the top of Slippery Ford [illegible] where the junipers start in, followed a short [illegible] farther up by [illegible]. Quaking aspen [illegible] at [illegible]. Thick-billed Sparrows and Green-tailed Towhees were our only [illegible] a distance. At about 7200 feet I shot a [illegible] Sapsucker.

(female) which flew across the road in front of us. Bird life was abundant at a meadow west of Philipps Station, where we found a veritable bird paradise. Big Tree Thrushes were heard singing melodiously (4 p. m.) and in apparent numbers. Robins and small birds were abundant in the tamaracks, giving one the feeling that he would like to linger until he had fully explored the region. I shot at a bird which I am positive was a Slender-billed Nuthatch. With customary good luck in such cases I missed the bird. Rarely have I seen a place where birds were so abundant. A few rods further on we came to another meadow. A pair of Pileolated Warblers were seen here and I shot the female. White-crowned Sparrows were also seen here.

At Philipps Station the keeper described the Pine Grosbeak to me, having found three quartered in the house when he moved up a few days before. At this place we saw a Hummer (C. calliope ?). As we walked along the road a Junco flushed from her nest beneath a tiny tamarack along a ditch which followed the road. Contents 4 beautiful eggs. Shot female. Taylor found a robin's nest and four incubated eggs six feet up in a tamarack. I shot a White-crowned Sparrow near the summit (female) and Taylor shot at anothe hummer. We then journeyed on in earnest and crossed the summit about 6 o'clock. Here the country changes. The east slope is chiefly of brushy hillsides with a few tamaracks scattered about, the timber having all been cut off. Just after starting down the grade a Grouse was noticed in the road and Taylor took two shots at it with the auxiliary before it flew. It lit in a tamarack and a #8 dropped it. (female). The rest of the journey was cold, over a sandy road. We reached Meyers Station about 7. By far the finest country for bird life is from 7,000 feet to the summit.

SATURDAY JUNE 15.

Lake Valley is, I should judge, a typical [illegible] the Nevada plains. Here it was sandy with sagebrush and tamaracks. The valley bordering the Little Truckee River is quite well timbered. Last night Nighthawks familiarized me with

their calls. Mountain Bluebirds were noted about the house. Barn and Cliff Swallows were nesting about the barn. The meadows between Meyers and Tallac are typical, White-crowned Sparrows and similar species being common. The forests are principally tamarack and asp. Left Tallac at 12:45 and reached Truckee at 5:30, after a beautiful ride up the Lake.

BIRDS OBSERVED FROM ECHO TO TAILAC. June 15 and 14.

Grouse (summit)
Quail, all the way
Blue-fronted Jay, all the way.
Pine Grosbeak (Phillips Station)
Cassin's Purple Finch (6300)
Mountain Chickadee, all the way.
Williamson's Sapsucker (about 7,000)
Green-tailed Towhee (Echo and Tallac)
Flicker, all the way
Thick-billed Sparrow, all the way
Nighthawk (Meyers)
Brewer's Blackbird, Meyers
Cliff Swallow, Meyers
Barn Swallow, Meyers.
Mt. Bluebird, Echo and Myers.
Olive-sided Flycatcher, all the way.
Wood Pewee, all the way
Kinglet, Summit
Pileolated Warbler, 7,000
Slender-billed Nuthatch, 7,000.
Calliope Hummer ?, 7,000.
Sparrow Hawk, Echo.

Sunday. June 15/01-
Today spent at the
ranch. Found a
Wm Wood Towee's nest
25 ft up on a Cypress
limb, containing
3 fresh eggs-

#

June 18/01 Heard
Purple Finches
about the house
today.

1902

March 16, 02 Today Jem, Mr Keyes & I drove to Mount Rock to try for eagles. We found none. Observed numerous Sparrows on the wires along the road. On the creek road almost at the mouth of the canyon saw a pair of Dipper and Kingfisher. On the way back saw a Red-tailed Hawk and several Sparrow Hawks. Also saw a Red-shafted Flicker

Ik woonde aan een
zijweg buiten Amsterdam
aan de Vecht, vlak bij
het veer naar Weesp.
Mijn kamer keek uit
op een tuin. Overal
om mij heen was
de stilte van het
platteland.

Rufford, 11.6.'84

March 18/02 Dear
old Ferguson about a month
ago I had written, I
was hoping by a
chance to [illegible]
some- (Z/L. Entomia)
in the back yard. or
was a cloudy chilly
morning but the
beautiful notes were
given with a vim
& a certain little song
it is and I could
scarcely see that I
was not in one
of the high sierran
meadows, where the
lonely song of
Z. leucophrys [illegible]

Accordion Shilly
Shadow ah Swoosh
Shoes an
appendix very similar

Melon 20/02 Now days
I have been hearing
a word in my motor
routine that treg
also uh town but could
not date accurately.
Other word - Today
I know it is the
week word and it
came from a
Parisian Stench.
I sound like a wasp
"Ch-e-e-e-e-e!"

Sunday, Feb 23, 1902

Dear mornings Jew and I drove over to Lagunitas school-house. The day was made bitterly cold by a north wind- storm flowers & birds & butterflies & a feathered glen were numerous. & I really chose green to the willows- & also a light-colored sorrel bay. Lagunitas & school Ethics & Language- Light & language- Air & Ambition Love & work in ---- & in Lagunitas

[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

saw, and I decided
they were not mating.
I happened to mention
Londotrichia Smithii
that made a careful
but a most unsatisfactory
I had an excellent
chance to hear and
verify the song of
Chamaepelia. But I was
given a serenade — a
dreamy, soft, cool
cooing, like the
Ta-a-te-tree-e-e-e-
The last note was
indescribably sweet
and trembling
as if all the cooing
in Dahlia together.
I shot a Mocking bird
and the man became
it was veiled, flying

I drove willow to willow-
wood. The road
I now travelled
over twice a day.

Sunday Nov 30/0
Today I went over to the Calaveras
Grove. It was a fine warm
day but the Sequoias
were very reticent.
I heard one tree
talk and now there.
After trying to hear
I a[illegible] last-the
[illegible] [illegible]

gave it up. On the
way back two
Indians were
seen setting out
sagebrush on the
hill near the mouth
of the Canyon.
On the Alpine road
five wagons were
in place, feeding
in the Indian corn
and, on the water-
stalks. Shot-three.
Others were seen in
Escalante Canyon and
- some along the Arroyo
Nos, near Santa Clara.

-7-

April 15/01 - Poor a—
lucy just the
most Credulous gurbles
have been in full
song in the orchard
below me. All
disappeared tonight 6
and I were not
seen later—

Sunday Sept 29/01
A flock of twittering Yookaa-
rees are my ob—
jects. Shrouds were—
about today—

April 27/02 (Sunday).

Saw another trove owing to the Laguna district today after Vultures. Sparrows. It was a fine day for bird-life.

We both went over to the bird and along the stone wall in the Aqueduct. We heard the shrill call note of the sparrow, and occasionally its song. Apparently two or six pairs are breeding in the district. Sparrows in bushes were fluttering and twittering and the bird with a worm over [illegible]

Flower in sage green wheel
Flowers in vase + 4
egg in a electric blue
set up. Incubation, tempera-
ture heat level
Earth at random
in blue sage, green and
then coloring a glimpse
of a tulip. crowned or
blurring its song.
Last stuff attempt at
watching over to see
new species to most
in probable timing. At
blue clear the birds
are very secretive and
visible from car now-
up to within arm-reach
blue birds very rarely

[illegible] [illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [

well concealed -

Comparison

Attachment

The sick Coward
in bed turns back cup-
id bird bound carry
him on the journey - Who
flies to meet the
thief - watching life
- bird appears on the
bell envelope - the bed

[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

bird. Also could
collected from
perch, in the sage
or when the bird
is on the ground.

May 11/02 - Went
to Kfg once again
today but found
no more nests.
Two or three males
were singing and
showed the normal
courtship
Watched a
number for about
five minutes

Pick up white of egg, lightly beaten.

Butter two cups scalded milk and ♂ tablespoonfuls butter, two tablespoonfuls sugar and one teaspoonful salt.

Add 1/2 cake yeast dissolved in 1/2 cup lukewarm water.

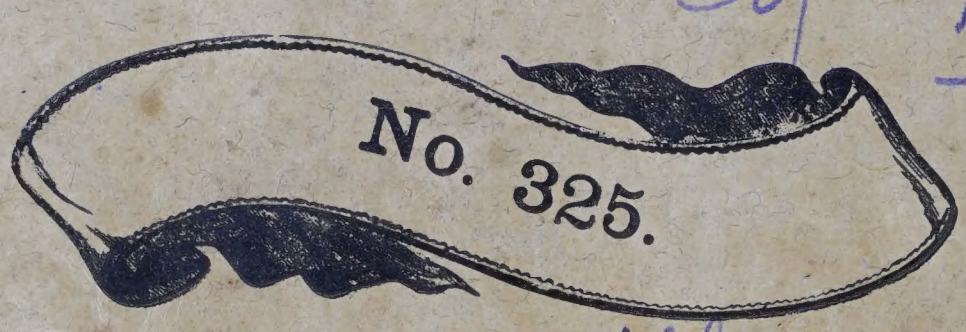
Stir in 6 cups flour.

Ornithological

Note book

— of —

A Barlow — Beginning with the season of 1892.



with.

Original Observations only

Book I.